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Animal Species of Concern



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Introduction



Black-backed Woodpecker
(*Picoides arcticus*)

Illustration by John Carlson

This report on Montana's animal species of concern is the first to be issued jointly by the Montana Fish Wildlife and Parks (MFWP) and the Montana Natural Heritage Program (MTNHP). It is the result of an agreement between MFWP and MTNHP to determine the status of and manage the data associated with Montana Animal Species of Concern. Previously, separate species of concern lists created independently by MFWP and MTNHP caused confusion for the public and agency personnel. In November of 2000, MFWP and MTNHP agreed to create one list of Montana Animal Species of Concern to alleviate this confusion. The format is consistent with previous MTNHP lists, however the former Watch List has been replaced by two new categories to further define the knowledge of these species status. These are *Species of Potential Concern* for species for which population trends indicate a decline, and *Species on Review* for species needing additional data to determine their current status.

The list and ranks assigned to animal species of concern in Montana are used to prioritize data acquisition by MTNHP and MFWP and to provide information to others on the current status of these species. The listings were developed by the Montana Animal Species of Concern Committee, which includes staff of MTNHP and MFWP, representatives of the Montana Chapter of the Wildlife Society and the Montana Chapter of the American Fisheries Society, and biologists with knowledge of specific taxa. Inclusion on the list is based on information in the scientific literature, unpublished reports, agency databases, field research, and field inventories. This information comes from a variety of cooperating local, state, and federal agencies, private organizations and businesses, academic researchers, and interested individuals.

This list is dynamic and is periodically revised as new data becomes available. Changes from the previous edition (Roedel 1999) are **underlined** and **bolded** for quick reference. Revisions are produced annually. This publication is available from MTNHP or electronically on the MTNHP home page at <http://nhp.nris.state.mt.us>.

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We encourage written comments and suggestions, especially recommended additions or deletions and insights on the status of species. Comments can be sent to John Carlson at the address printed on page 4 or via email at jocarlson@state.mt.us. In addition, we are continuously gathering new location information on all species of concern. Please submit your observations to MTNHP using the form at the end of this report.

More detailed information on species' status and distributions can be obtained from MTNHP using the "Information Request Form" on the website, or by phone, email, or mail. The NatureServe website provides access to information assembled from Natural Heritage Program databases throughout North America (at <http://www.natureserve.org/> or via the link from the MTNHP website).

Heritage Program Ranks

Species have been evaluated and ranked on the basis of their global (range-wide) status, and their statewide status, using the standardized ranking system of the Natural Heritage Network (Association for Biodiversity Information 2001).

Species are assigned ranks ranging from 1 (highest concern) to 5 (lowest concern). Rank definitions are given below.

Rank Definition

- G1 S1 Critically imperiled because of extreme rarity or because of some factor making especially vulnerable to extinction.
- G2 S2 Imperiled because of rarity or because of other factors demonstrably making it very vulnerable to extinction throughout its range.
- G3 S3 Either very rare and local throughout its range, or found locally (even abundantly at some of its locations) in a restricted range, or vulnerable to extinction throughout its range because of other factors.

G4	S4	Apparently secure, though it may be quite rare in parts of its range, especially at the periphery.
G5	S5	Demonstrably secure, though it may be quite rare in parts of its range, especially at the periphery.
GU	SU	Possibly in peril, but status uncertain; more information needed.
GH	SH	Historically known; may be rediscovered.
GX	SX	Believed to be extinct; historical records only, continue search.
G#G# or S#S#		Indicates a range of uncertainty about the rarity of the species.

Other codes

A	Accidental in the state; including species (usually birds or butterflies) recorded very infrequently, hundreds or thousands of miles outside their usual range.
B	A state rank modifier indicating breeding status for a migratory species. Example: S1B,SZN -- breeding occurrences for the species are ranked S1 (critically imperiled) in the state, nonbreeding occurrences are not ranked in the state.
E	An exotic established in the state; may be native in nearby regions.
HYB	Element represents a hybrid of species.
N	A state rank modifier indicating non-breeding status for a migratory species. Example: S1B,SZN -- breeding occurrences for the species are ranked S1 (critically imperiled) in the state, nonbreeding occurrences are not ranked in the state.
P	Indicates the element may potentially occur in the state.
Q	Taxonomic questions or problems involved, more information needed; appended to the global rank.

R	Reported in the state; but lacking documentation which would provide a basis for either accepting or rejecting the report.
T	Rank for a subspecific taxon (subspecies, variety, or population); appended to the global rank for the full species.
Z	Ranking not applicable.
#	A modifier to SX or SH; the species has been reintroduced but the population is not yet established.
?	Inexact or uncertain: for numeric ranks, denotes inexactness.

A number of factors are considered when assigning ranks including the number, size, and distribution of known populations, trends (if known), habitat sensitivity, and life history factors which make species especially vulnerable. For example, the Black-backed Woodpecker (*Picoides arcticus*), G5 / S3, is demonstrably secure range-wide but is found locally within a restricted range in Montana.

Federal Status

Fish and Wildlife Service

The symbols in this column denote the categories defined by the U.S. Fish and Wildlife Service and indicate the status of a taxon under the federal Endangered Species Act of 1973 (16 U.S.C.A. § 1531-1543 (Supp. 1996)).

E	listed endangered.
T	listed threatened
PE	proposed endangered
PT	proposed threatened
C	candidate (those species for which the U.S. Fish and Wildlife Service has sufficient information on biological status and threats to propose to list them as threatened or endangered).

Forest Service

The status of species in Montana as defined by the U.S. Forest Service Manual (2670.22). These species are listed by the Regional Forester (Northern Region) on National Forests in Montana.

S	Sensitive; animal species identified by the Regional Forester for which population viability is a concern as evidenced by significant downward trend in population or a significant downward trend in habitat capacity.
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Bureau of Land Management

The status of species on Bureau of Land Management lands as defined by the BLM 6840 Manual.

SS	Special Status; federally-listed Endangered, Threatened or Candidate species or other rare or endemic species that occur on BLM Lands.
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Selected References

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Thompson, L. S. 1982. Distribution of Montana amphibians, reptiles, and mammals. Montana Audubon Council, Helena, MT. 24 pp.

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More Information

Extensive additional information, including location data, is available on all species listed here. MTNHP serves as an information clearinghouse, and each year responds to hundreds of data requests regarding plants, animals, and biological communities of special concern.

To place a data request, contact us via phone (406-444-3009), email (mtnhp@state.mt.us), or use our online request form (www.nhp.nris.state.mt.us).

MTNHP's website provides direct access to species data, photographs, search tools, and links to related sites. Visit us at www.nhp.nris.state.mt.us.

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Species of Concern

Fish

Common Name	Scientific Name	Global Rank	2000 State Rank	USFWS	USFS	BLM
White Sturgeon (Kootenai River Population)	<i>Acipenser transmontanus</i> pop 1	G4T1Q	S1	E	S	
Torrent Sculpin	<i>Cottus rhotheus</i>	G5	<u>S3?</u>		S	
Spoonhead Sculpin	<i>Cottus ricei</i>	G5	<u>S3?</u>			
Blue Sucker	<i>Cyclopterus elongatus</i>	G4	<u>S2S3</u>			SS
Shortnose Gar	<i>Lepisosteus platostomus</i>	G5	S1			SS
Sturgeon Chub	<i>Macrohybopsis gelida</i>	G2	S2			SS
Sicklefin Chub	<i>Macrohybopsis meeki</i>	G3	S1		S	SS
Yellowstone Cutthroat Trout	<i>Oncorhynchus clarki bouvieri</i>	G4T2	S2		S	SS
Westslope Cutthroat Trout	<i>Oncorhynchus clarki lewisi</i>	G4T3	<u>S2</u>		S	SS
Columbia River Redband Trout	<i>Oncorhynchus mykiss gairdneri</i>	G5T4	<u>S1</u>		S	
Trout-perch	<i>Percopsis omiscomaycus</i>	G5	<u>S2</u>			
Northern Redbelly X Finescale Dace	<i>Phoxinus eos x phoxinus neogaeus</i>	HYB	S3			SS
Paddlefish	<i>Polyodon spathula</i>	G4	S1S2			SS
Bull Trout	<i>Salvelinus confluentus</i>	G3	<u>S2</u>	T	S	
Pallid Sturgeon	<i>Scaphirhynchus albus</i>	G1	S1	E		
Pearl Dace	<i>Semotilus margarita</i>	G5	S2			SS
Sauger	<i>Stizostedion canadense</i>	G5	S2			
Montana Arctic Grayling	<i>Thymallus arcticus montanus</i>	G5T1Q	S1	C	S	SS

Amphibians

Common Name	Scientific Name	Global Rank	2000 State Rank	USFWS	USFS	BLM
Coeur D'alene Salamander	<i>Plethodon idahoensis</i>	G3	S2		S	SS
Boreal Toad	<i>Bufo boreas</i>	G4	<u>S3</u>			
Northern Leopard Frog	<i>Rana pipiens</i> (east of the continental divide)	G5	<u>S3</u>		S	SS
Northern Leopard Frog	<i>Rana pipiens</i> (west of the continental divide)	G5	<u>S1</u>		S	SS
Great Plains Toad	<i>Bufo cognatus</i>	G5	<u>S3</u>			

Reptiles

Common Name	Scientific Name	Global Rank	2000 State Rank	USFWS	USFS	BLM
Sagebrush Lizard	<i>Sceloporus graciosus</i>	G5	S3			
Western Skink	<i>Eumeces skiltonianus</i>	G5	S3			
Spiny Softshell	<i>Apalone spinifera</i>	G5	S3			SS
Snapping Turtle	<i>Chelydra serpentina</i>	G5	S3			SS
Western Hognose Snake	<i>Heterodon nasicus</i>	G5	S3			
Milk Snake	<i>Lampropeltis triangulum</i>	G5	S2			
Smooth Green Snake	<i>Liochlorophis vernalis</i>	G5	S2S3			

Birds

Common Name	Scientific Name	Global Rank	2000 State Rank	USFWS	USFS	BLM
Common Loon	<i>Gavia immer</i>	G5	S1S2B,SZN		S	SS
American White Pelican	<i>Pelecanus erythrorhynchos</i>	G3	S3B,SZN			
Black-crowned Night-heron	<i>Nycticorax nycticorax</i>	G5	<u>S3B?,SZN</u>			
White-faced Ibis	<i>Plegadis chihi</i>	G5	S1B,SZN			SS
Trumpeter Swan	<i>Cygnus buccinator</i>	G4	S2B,S2N		S	SS
Harlequin Duck	<i>Histrionicus histrionicus</i>	G4	S2B,SZN		S	SS
Bald Eagle	<i>Haliaeetus leucocephalus</i>	G4	S3B,S3N	T		
Northern Goshawk	<i>Accipiter gentilis</i>	G5	S3S4		S	SS
Ferruginous Hawk	<i>Buteo regalis</i>	G4	S3B,SZN			SS
Peregrine Falcon	<i>Falco peregrinus</i>	G4	<u>S2B, SZN</u>		S	SS
White-tailed Ptarmigan	<i>Lagopus leucurus</i>	G5	S3			
Columbian Sharp-tailed Grouse	<i>Tympanuchus phasianellus columbianus</i>	G4T3	S1		S	SS
Yellow Rail	<i>Coturnicops noveboracensis</i>	G4	S1B,SZN			
Whooping Crane	<i>Grus americana</i>	G1	<u>S1N</u>	E		
Piping Plover	<i>Charadrius melanotos</i>	G3	S2B,SZN	T		
Mountain Plover	<i>Charadrius montanus</i>	G2	S2B,SZN	PT		

(cont'd)

Birds

Common Name	Scientific Name	Global Rank	2000 State Rank	USFWS	USFS	BLM
Franklin's Gull	<i>Larus pipixcan</i>	G4G5	S3B,SZN			
Caspian Tern	<i>Sterna caspia</i>	G5	S2B,SZN			
Common Tern	<i>Sterna hirundo</i>	G5	S3B,SZN			
Forster's Tern	<i>Sterna forsteri</i>	G5	S2B,SZN			
Interior Least Tern	<i>Sterna antillarum athalassos</i>	G4T2Q	S1B,SZN	E		
Black Tern	<i>Chlidonias niger</i>	G4	S3B,SZN		SS	
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	G5	S3B,SZN			
Barn Owl	<i>Tyto alba</i>	G5	S1B,S1N			
Great Gray Owl	<i>Strix nebulosa</i>	G5	S3		SS	
Burrowing Owl	<i>Athene cunicularia</i>	G4	S3B,SZN	S	SS	
Flammulated Owl	<i>Otus flammmeolus</i>	G4	S3B,SZN	S	SS	
Northern Hawk Owl	<i>Surnia ulula</i>	G5	S1B,S1N			
Black Swift	<i>Cypseloides niger</i>	G4	S3B,SZN			
Broad-tailed Hummingbird	<i>Selasphorus platycercus</i>	G5	S1B,SZN			
Black-backed Woodpecker	<i>Picoides arcticus</i>	G5	S3		S	SS
Lewis's Woodpecker	<i>Melanerpes lewis</i>	G5	S3S4B,SZN			
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	G5	S3S4B,SZN			
Alder Flycatcher	<i>Empidonax alnorum</i>	G5	S1B,SZN			
Olive-sided Flycatcher	<i>Contopus cooperi</i>	G5	S3B,SZN			
Cassin's Kingbird	<i>Tyrannus vociferans</i>	G5	S2B?,SZN			
Boreal Chickadee	<i>Poecile hudsonica</i>	G5	S1S2			
Sedge Wren	<i>Cistothorus platensis</i>	G5	S1B,SZN			
Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>	G5	S1B,SZN			
Eastern Bluebird	<i>Sialia sialis</i>	G5	S2B, SZN			
Sprague's Pipit	<i>Anthus spragueii</i>	G4	S3S4B,SZN		S	
Black-and-white Warbler	<i>Mniotilla varia</i>	G5	S2S3B,SZN			
Dickcissel	<i>Spiza americana</i>	G5	S1S2B,SZN		SS	
Baird's Sparrow	<i>Ammodramus bairdii</i>	G4	S3S4B,SZN	S	SS	
Le Conte's Sparrow	<i>Ammodramus leconteii</i>	G4	S1S2B,SZN		SS	
Nelson's Sharp-tailed Sparrow	<i>Ammodramus nelsoni</i>	G5	S1B,SZN			
Black Rosy-Finch	<i>Leucosticte atrata</i>	G4	S3			

Mammals

Common Name	Scientific Name	Global Rank	2000 State Rank	USFWS	USFS	BLM
Preble's Shrew	<i>Sorex preblei</i>	G4	S3		SS	
Dwarf Shrew	<i>Sorex nanus</i>	G4	S3			
Merriam's Shrew	<i>Sorex merriami</i>	G5	S3		SS	
Fringed Myotis	<i>Myotis thysanodes</i>	G5	S3			
Spotted Bat	<i>Euderma maculatum</i>	G4	S1		S	SS
Townsend's Big-eared Bat	<i>Corynorhinus townsendii</i>	G4	S2S3		S	SS
Pallid Bat	<i>Antrozous pallidus</i>	G5	S1		S	
Black-tailed Jack Rabbit	<i>Lepus californicus</i>	G5	S2S3			
Pygmy Rabbit	<i>Brachylagus idahoensis</i>	G4	S3		S	SS
Uinta Chipmunk	<i>Tamias umbrinus</i>	G5	S3			
Black-tailed Prairie Dog	<i>Cynomys ludovicianus</i>	G4	S3S4	C	S	SS
White-tailed Prairie Dog	<i>Cynomys leucurus</i>	G4	S1		S	SS
Great Basin Pocket Mouse	<i>Perognathus parvus</i>	G5	S2			
Hispid Pocket Mouse	<i>Chaetodipus hispidus</i>	G5	S1			
Northern Bog Lemming	<i>Synaptomys borealis</i>	G4	S2		S	SS
Meadow Jumping Mouse	<i>Zapus hudsonius</i>	G5	S2S3			SS
Gray Wolf	<i>Canis lupus</i>	G4	S2S3	E		
Swift Fox	<i>Vulpes velox</i>	G3	S3		S	SS
Grizzly Bear	<i>Ursus arctos horribilis</i>	G4T3	S2S3	T		
Fisher	<i>Martes pennanti</i>	G5	S3		S	SS
Black-footed Ferret	<i>Mustela nigripes</i>	G1	S1	E		
Western Spotted Skunk	<i>Spilogale gracilis</i>	G5	S1		SS	
North American Wolverine	<i>Gulo gulo luscus</i>	G5T4	S3		S	SS
Lynx	<i>Lynx canadensis</i>	G5T	S3	T		
Woodland Caribou	<i>Rangifer tarandus caribou</i>	G5T4	SX			
American Bison (free ranging herds)	<i>Bos bison</i>	G3	S2			

Invertebrates- Mollusks

Common Name	Scientific Name	Global Rank	2000 State Rank	USFWS	USFS	BLM
Striate Disc	<i>Discus shimeki</i>	G4	S1			
Mission Range Disc	<i>Discus brunsoni</i>	G1	S1			
Marbled Jumping-slug	<i>Hemphillia danielsi</i>	G1G3	S1S3			
Spotted Slug	<i>Magnipelta mycophaga</i>	G2G3	S1S3			
Sheathed Slug	<i>Zacooleus idahoensis</i>	G3G4	S2S3			
Alpine Mountainsnail	<i>Oreohelix alpina</i>	G1	S1			
Bitterroot Mountainsnail	<i>Oreohelix amariradix</i>	G1G2	S1S2			
Keeled Mountainsnail	<i>Oreohelix carinifera</i>	G1	S1			
Carinate Mountainsnail	<i>Oreohelix elrodi</i>	G1	S1			
Berry's Mountainsnail	<i>Oreohelix strigosa berryi</i>	G5T2	S1S2			
Gallatin Mountainsnail	<i>Oreohelix yavapai mariae</i>	G4?T1	S1			
Russell Mantleslug	<i>Udosarx lyra russelli</i>	G1	S1			
Rocky Mountain Dusksnail	<i>Lyogyrus greggi</i>	G3G4	S1			
Columbia Pebblesnail	<i>Fluminicola fuscus</i>	G2G3	SX			
Rocky Mountain Capsnail	<i>Acroloxus coloradensis</i>	G?	S1			
Flathead Pondsniail	<i>Stagnicola elrodi</i>	G1	S1			
Largemouth Pondsniail	<i>Stagnicola elrodianus</i>	G1	S1			
Mountain Marshsnail	<i>Stagnicola montanensis</i>	G3	S1S3			
Shortface Lanx	<i>Fisherola nuttalli</i>	G2?	S1S3			
Large-mantle Physa	<i>Physa megalochlamys</i>	G3	S1			

Invertebrates- Insects

Common Name	Scientific Name	Global Rank	2000 State Rank	USFWS	USFS	BLM
Warm Spring Zaitzevian Riffle Beetle	<i>Zaitzevia thermae</i>	G1	S1	C		
Brown's Microcylloepus Riffle Beetle	<i>Microcylloepus browni</i>	G1	S1			
A Mayfly	<i>Caenis youngi</i>	G3	S2			
Powesheik Skipperling	<i>Oarisma powesheik</i>	G2G3			S	
Otto Skipper	<i>Hesperia ottoe</i>	G3G4	S?		S	
Tawny Crescent	<i>Phyciodes batesii</i>	G4	S2S3			S
Gillette's Checkerspot	<i>Euphydryas gillettii</i>	G3	S3			
Eastern Ringtail	<i>Erpetogomphus designatus</i>	G5	S1			
Subarctic Darner	<i>Aeshna subarctica</i>	G5	S1S2			
Ringed Emerald	<i>Somatochlora albicincta</i>	G5	S1S3			
Brush-tipped Emerald	<i>Somatochlora walshii</i>	G5	S1S2			
Western Pondhawk	<i>Erythemis collocata</i>	G5	S1S2			
Boreal Whiteface	<i>Leucorrhinia borealis</i>	G5	S1			
Subarctic Bluet	<i>Coenagrion interrogatum</i>	G5	S1S2			
Last Best Place Damselfly	<i>Enallagma optimolocus</i>	G1G3Q	S1S3			
A Stonefly	<i>Isocapnia crinita</i>	G4	S2			
A Stonefly	<i>Isocapnia integra</i>	G4	S2			
A Stonefly	<i>Utacapnia columbiana</i>	G4	S2			
Meltwater Lednian Stonefly	<i>Lednia tumana</i>	G1	S1			
A Stonefly	<i>Zapada cordillera</i>	G3	S2			
Western Glacier Stonefly	<i>Zapada glacier</i>	G3	S1			
A Stonefly	<i>Isoperla petersoni</i>	G4	S2?			
Alexander's Rhyacophilan Caddisfly	<i>Rhyacophilila alexanderi</i>	G2	S2			
A Caddisfly	<i>Rhyacophilila ebria</i>	G1?	S1?			
A Rhyacophilan Caddisfly	<i>Rhyacophilila newelli</i>	G2?	S2?			
A Rhyacophilan Caddisfly	<i>Rhyacophilila glacieri</i>	G1	S1			
An Agapetus Caddisfly	<i>Agapetus montanus</i>	G2?	S2?			
An Amphipod	<i>Stygobromus montanensis</i>	G1G2	S1S2			
An Amphipod	<i>Stygobromus obscurus</i>	G1G2	S1S2			
An Amphipod	<i>Stygobromus puteanus</i>	G1G2	S1S2			
An Isopod	<i>Salmasellus steganothrix</i>	G1G2	S1S2			
A Phalangid	<i>Cryptobunus cavicolus</i>	G1G2	S1S2			
A Springtail	<i>Oncopodura cruciata</i>	G1G2	S1S2			

Species on Review

Fish

Common Name	Scientific Name	Global Rank	2001 State Rank	FWS Status	USFS Status	BLM Status
Shorthead Sculpin	<i>Cottus confusus</i>	G5	SU			
Brook Stickleback	<i>Culaea inconstans</i>	G5	SU			
Iowa Darter	<i>Etheostoma exile</i>	G5	SU			
Brassy Minnow	<i>Hybognathus hankinsoni</i>	G5	SU			
Plains Minnow	<i>Hybognathus placitus</i>	G5	SU			
Burbot	<i>Lota lota</i>	G5	SU			S
Northern Red-bellied Dace	<i>Phoxinus eos</i>	G5	SU			
Pygmy Whitefish	<i>Prosopium coulteri</i>	G5	SU			
Creek Chub	<i>Semotilus atromaculatus</i>	G5	SU			

Reptiles

Common Name	Scientific Name	Global Rank	2001 State Rank	FWS Status	USFS Status	BLM Status
Pygmy Short-horned Lizard	<i>Phrynosoma douglasi</i>	G5	SU			
Short-horned Lizard	<i>Phrynosoma hernandesi</i>	G5	SU			
Common Garter Snake	<i>Thamnophis sirtalis</i>	G5	SU			

Amphibians

Common Name	Scientific Name	Global Rank	2001 State Rank	FWS Status	USFS Status	BLM Status
Great Basin Spadefoot	<i>Spea intermontana</i>	G5	SR			
Bullfrog	<i>Rana catesbeiana</i>	G5	SU			
Wood Frog	<i>Rana sylvatica</i>	G5	SR			
Plains Spadefoot	<i>Spea bombifrons</i>	G5	SU			
Canadian Toad	<i>Bufo hemiophrys</i>	G4	SRF			
Idaho Giant Salamander	<i>Dicamptodon aterrimus</i>	G3	SRF			

Birds

Common Name	Scientific Name	Global Rank	2001 State Rank	FWS Status	USFS Status	BLM Status
Clark's Grebe	<i>Aechmophorus clarkii</i>	G5	SU			
Great Blue Heron	<i>Ardea herodias</i>	G5	SU			
Black-necked Stilt	<i>Himantopus mexicanus</i>	G5	SU			
Wilson's Phalarope	<i>Phalaropus tricolor</i>	G5	SU			
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>	G5	SU			
Eastern Screech-Owl	<i>Otus asio</i>	G5	SU			
Western Screech-Owl	<i>Otus kennicottii</i>	G5	SU			
Short-eared Owl	<i>Asio flammeus</i>	G5	SU			
Common Poorwill	<i>Phalaenoptilus nuttallii</i>	G5	SU			
Chimney Swift	<i>Chaetura pelasgica</i>	G5	SU			
Williamson's Sapsucker	<i>Sphyrapicus thyroideus</i>	G5	SU			
Three-toed Woodpecker	<i>Picoides tridactylus</i>	G5	SU			SS
Cassin's Vireo	<i>Vireo cassinii</i>	G5	SU			
Plumbeous Vireo	<i>Vireo plumbeous</i>	G5	SU			
Sage Thrasher	<i>Oreoscoptes montanus</i>	G5	SU			
Tennessee Warbler	<i>Vermivora peregrina</i>	G5	SU			
Ovenbird	<i>Seiurus aurocapillus</i>	G5	SU			
Sage Sparrow	<i>Amphispiza belli</i>	G5	SU			SS
Bobolink	<i>Dolichonyx oryzivorus</i>	G5	SU			
Orchard Oriole	<i>Icterus spurius</i>	G5	SU			

Species on Review (cont'd)

Mammals

Common Name	Scientific Name	Global Rank	2001 State Rank	FWS Status	USFS Status	BLM Status
Northern Myotis	<i>Myotis septentrionalis</i>	G4	SU			
Eastern Red Bat	<i>Lasiurus borealis</i>	G5	SU			
Pygmy Shrew	<i>Sorex hoyi</i>	G5	SU			
Yuma Myotis	<i>Myotis yumanensis</i>	G5	SU			
Eastern Cottontail	<i>Sylvilagus floridanus</i>	G5	SU			

Invertebrates

Common Name	Scientific Name	Global Rank	2001 State Rank	FWS Status	USFS Status	BLM Status
Fir Pinwheel	<i>Radiodiscus abietum</i>	GU	SU			
Humped Coin	<i>Polygyrella polygyrella</i>	GU	SU			
Lyre Mantleslug	<i>Udosarx lyrata lyrata</i>	GU	SU			
Prairie Sprite	<i>Promenetus exacuous megas</i>	GU	SU			
Pacific Spiketail	<i>Cordulegaster dorsalis</i>	G5	SU			
Columbia Pebblesnail	<i>Fluminicola fuscus</i>	G2G3	SU			
Humped Coin	<i>Polygyrella polygyrella</i>	GU	SU			
Lyre Mantleslug	<i>Udosarx lyrata lyrata</i>	GU	SU			
Prairie Sprite	<i>Promenetus exacuous megas</i>	GU	SU			
Black Petaltail	<i>Tanypteryx hageni</i>	G3	SR			
Pacific Spiketail	<i>Cordulegaster dorsalis</i>	G5	SU			
Plains Clubtail	<i>Gomphus externus</i>	G5	SU			
Sinuous Snaketail	<i>Ophiogomphus occidentis</i>	G4	SU			
Canada Darner	<i>Aeshna canadensis</i>	G5	SU			
Lance-tipped Darner	<i>Aeshna constricta</i>	G5	SU			
Blue-eyed Darner	<i>Aeshna multicolor</i>	G5	SU			
Zigzag Darner	<i>Aeshna sitchensis</i>	G5	SU			
Black-tipped Darner	<i>Aeshna tuberculifera</i>	G4	SU			
Illinois River Cruiser	<i>Macromia illinoiensis</i>	G5	SR			
Ocellated Emerald	<i>Somatochlora minor</i>	G5	SU			
Bleached Skimmer	<i>Libellula composita</i>	G3	SR			
Hoary Skimmer	<i>Libellula nodisticta</i>	G3	SR			
Wandering Glider	<i>Pantala flavescens</i>	G5	SU			
Red-veined Meadowhawk	<i>Sympetrum madidum</i>	G4	SU			
Sweetflag Spreadwing	<i>Lestes forcipatus</i>	G5	SU			
Variable Dancer	<i>Argia fumipennis violacea</i>	G5T5	SU			
Paiute Dancer	<i>Argia alberta</i>	G4	SU			
Prairie Bluet	<i>Coenagrion angulatum</i>	G5	SU			
Familiar Bluet	<i>Enallagma civile</i>	G5	SU			
Alkali Bluet	<i>Enallagma clausum</i>	G5	SU			
Horned Clubtail	<i>Arigomphus cornutus</i>	G4	SU			
An amphipod	<i>Stygobromus sp 1</i>	G1G2	SU			

Species of Potential Concern

Birds

Common Name	Scientific Name	Global	2001	FWS	USFS	BLM
		Rank	State Rank			
Horned Grebe	<i>Podiceps auritus</i>	G5	S4			
Swainson's Hawk	<i>Buteo swainsoni</i>	G5	S4			SS
Greater Sage-Grouse	<i>Centrocercus urophasianus</i>	G4	S4		S	SS
Long-billed Curlew	<i>Numenius americanus</i>	G5	S4			SS
Loggerhead Shrike	<i>Lanius ludovicianus</i>	G5	S4		S	
Brewer's Sparrow	<i>Spizella breweri</i>	G5	S4			
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	G5	S4			
Lark Bunting	<i>Calamospiza melanocorys</i>	G5	S4			
McCown's Longspur	<i>Calcarius mccownii</i>	G5	S4			
Chestnut-collared Longspur	<i>Calcarius ornatus</i>	G5	S4			

Species Dropped from List

Common Name	Scientific Name	Global Rank	1999 State Rank
Tailed Frog	<i>Ascaphus truei</i>	G4	S4
Boreal Owl	<i>Aegolius funereus</i>	G5	S4
Bearmouth Mountainsnail	<i>Oreohelix sp 3*</i>	G1G2	S1S2
Drummond Mountainsnail	<i>Oreohelix sp 4*</i>	G1	S1
Brunson Mountainsnail	<i>Oreohelix sp 5*</i>	G1G2	S1S2
Kintla Lake Mountainsnail	<i>Oreohelix sp 6*</i>	G1	S1
Kitchen Creek Mountainsnail	<i>Oreohelix sp 7*</i>	G1G2	S1S2
Missoula Mountainsnail	<i>Oreohelix sp 10*</i>	G1G3	S1S3
Subcarinate Mountainsnail	<i>Oreohelix sp 11*</i>	G1	S1
Byrne Resort Mountainsnail	<i>Oreohelix sp 31*</i>	G1G2	S1S2
Washington Dusksnail	<i>Amnicola sp 2*</i>	G1	S1

*MTNHP recommends these taxa, thought to be new but as yet undescribed in the scientific literature be dropped until they are documented in publication.

MONTANA ANIMAL SPECIES OF CONCERN OBSERVATION FORM

Return form documenting sightings of animal species of special concern to:

Zoologist
Montana Natural Heritage Program
1515 East Sixth Avenue
Helena, MT 59620

Shaded area information required

General:

Common Name: _____
Scientific Name: _____
Observer(s): _____
Address: _____
Phone: _____
Date of submission (M/D/Y): _____

Locational Information:

County: _____ Elevation (range if applicable): _____
Legal Description (TRS & quarter quarter): _____
or _____
UTM Zone: _____ Northing: _____ Easting: _____
Quad name(if known): _____

Observation data (Size, Condition, Landscape Context):

Date of observation (M/D/Y): _____
Number of individuals: _____ Age(s) and sex(es) (if known): _____
Reproductive evidence: _____
Additional comments regarding this observation: _____

Directions:

Driving and hiking directions to observation location (please provide a photocopy of map with location of the occurrence marked or outlined): _____

General Habitat Description: (predominant plant community, habitat description, etc.) _____

ASSOCIATED ANIMALS: _____

Land Owner: _____
Owner comments (special requests, permissions, circumstances): _____

Additional Comments: _____

Photos: Y N **(If Y attach copy if possible)**

Specimens: Y N **Collection Numbers:** _____

Location of specimen _____